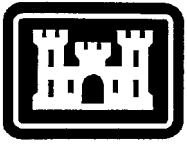


PUBLIC NOTICE



**US Army Corps
of Engineers
Kansas City District**

**Permit No. 200302190
Issue Date: February 4, 2004
Expiration Date: February 25, 2004**

21-Day Notice

JOINT PUBLIC NOTICE: This public notice is issued jointly with the Kansas Department of Health and Environment. The Department of Health and Environment will use the comments to this notice in deciding whether to grant Section 401 water quality certification. Commenters are requested to furnish a copy of their comments to the Kansas Department of Health and Environment, Bureau of Water - Watershed Management Section, 1000 SW Jackson Street, Suite 420, Topeka, Kansas 66612-1367.

APPLICANT: Horseshoe Creek Watershed Joint District No. 110
470 Elk Road
Bremen, KS 66412

PROJECT LOCATION (As shown on the attached drawings): The proposed project is located on several tributaries of Horseshoe Creek in Marshall and Washington Counties, Kansas. The location of each individual site is shown in the attached drawings and tables, and in the watershed district's General Plan.

AUTHORITY: Section 404 of the Clean Water Act (33 USC 1344).

ACTIVITY (As shown on the attached drawings): The applicant proposes to construct 49 earthen dams at the locations shown in the attached drawings and table. The activity would involve placement of fill material below the ordinary high water mark and inundation of the tributary stream channel for each structure completed. All structures would consist of earthen dams with vegetated or rock emergency spillways. All structures would have hooded, canopy, or drop inlet type principal spillways with the principal pool level set at the elevation of the estimated 50-year accumulation of sediment. Principal spillways will be constructed of reinforced concrete, welded steel, corrugated metal, or other appropriate material, depending on the structure size and classification. The cross section of a typical dam is shown in the attached drawings. The General Plan is available for review at the Corps of Engineers El Dorado Office. This document was prepared under the authority of the Kansas Watershed District Act, Section 24-1201-33.

WETLANDS: The extent of wetlands is not known at this time.

ADDITIONAL INFORMATION: Additional information about this application may be obtained by contacting **Shannon J. Warner, Kansas State Regulatory Office, 2710 NE Shady Creek Access Road, El Dorado, Kansas 67042; 316-322-8247 (FAX 316-322-8259) or via email at shannon.j.warner@nwk02.usace.army.mil**. All comments to this public notice should be directed to the above address.

STATE AUTHORIZATION: The applicant has applied for a permit from the Kansas Department of Agriculture pursuant to Kansas Statutes Annotated 82a-301 to 305.

CULTURAL RESOURCES: Kansas City District will comply with the National Historic Preservation Act of 1966 and 36 CFR 800. We have checked the National Register of Historic Places and the Federal Register and no property listed in the Register or proposed for listing is located in the permit area. This is the extent of our knowledge about historic properties in the permit area at this time. However, we will evaluate input by the State Historic Preservation Officer and the public in response to this public notice, and we may conduct or require a reconnaissance survey of the permit area to check for unknown historic properties, if warranted.

ENDANGERED SPECIES: In compliance with the Endangered Species Act, a preliminary determination has been made that the described work will not affect species designated as threatened or endangered or adversely affect critical habitat. In order to complete our evaluation of this activity, comments are solicited from the U.S. Fish and Wildlife Service and other interested agencies and individuals.

FLOODPLAINS: This activity is being reviewed in accordance with Executive Order 11988, Floodplain Management, which discourages direct or indirect support of floodplain development whenever there is a practicable alternative. By this public notice, comments are requested from individuals and agencies that believe the described work will adversely impact the floodplain.

WATER QUALITY CERTIFICATION: Section 401 of the Clean Water Act (33 USC 1341) requires that all discharges of dredged or fill material must be certified by the appropriate state agency as complying with applicable effluent limitations and water quality standards. This public notice serves as an application to the state in which the discharge site is located for certification of the discharge. The discharge must be certified before a Department of the Army permit can be issued. Certification, if issued, expresses the state's opinion that the discharge will not violate applicable water quality standards.

PUBLIC INTEREST REVIEW: The decision to issue a permit will be based on an evaluation of the probable impact including the cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, esthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and, in general, the needs and welfare of the people. The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act (33 USC 1344). The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

COMMENTS: This notice is provided to outline details of the above-described activity so this District may consider all pertinent comments prior to determining if issuance of a permit would be in the public interest. Any interested party is invited to submit to this office written facts or objections relative to the activity on or before the public notice expiration date. Comments both favorable and unfavorable will be accepted and made a part of the record and will receive full consideration in determining whether it would be in the public interest to issue the Department of the Army permit. Copies of all comments, including names and addresses of commenters, may be provided to the applicant. Comments should be mailed to the address shown on page 1 of this public notice.

PUBLIC HEARING: Any person may request, in writing, prior to the expiration date of this public notice, that a public hearing be held to consider this application. Such requests shall state, with particularity, the reasons for holding a public hearing.

Structure Data
KANSAS DAMS

| Dam No. | Drainage Area Sq.mi. | Hazard Classification | Volume Of Fill Cu.yd. | Sediment Volume Ac.Ft. | Detention Volume Ac.Ft. |
|---------|----------------------|-----------------------|-----------------------|------------------------|-------------------------|
| 3 | .21 | A | 22,710 | 11 | 24 |
| 4 | .90 | A | 44,410 | 48 | 101 |
| 5 | .35 | A | 27,110 | 19 | 39 |
| 6 | .25 | A | 23,970 | 13 | 28 |
| 7 | .54 | A | 33,090 | 29 | 60 |
| 8 | .27 | A | 24,600 | 14 | 30 |
| 9 | .25 | A | 23,970 | 13 | 28 |
| 10 | .51 | A | 32,140 | 27 | 57 |
| 11 | .23 | A | 23,340 | 12 | 26 |
| 12 | .54 | A | 33,090 | 29 | 60 |
| 13 | .26 | A | 24,280 | 14 | 29 |
| 14 | .55 | A | 33,400 | 29 | 62 |
| 15 | .33 | A | 26,480 | 18 | 37 |
| 16 | .62 | A | 35,600 | 33 | 69 |
| 17 | .78 | A | 40,640 | 42 | 87 |
| 18 | .48 | A | 31,200 | 26 | 54 |
| 19 | .28 | A | 24,910 | 15 | 31 |
| 20 | .45 | A | 30,260 | 24 | 50 |
| 21 | .27 | A | 24,600 | 14 | 30 |
| 22 | .69 | A | 37,810 | 37 | 77 |
| 23 | .42 | A | 29,310 | 22 | 47 |
| 25 | .43 | A | 29,630 | 23 | 48 |
| 26 | .42 | A | 29,310 | 22 | 47 |
| 27 | .27 | A | 24,600 | 14 | 30 |
| 28 | .64 | A | 36,230 | 34 | 72 |
| 30 | .55 | A | 33,400 | 29 | 62 |
| 32 | .51 | A | 32,140 | 27 | 57 |
| 33 | .63 | A | 35,920 | 34 | 71 |
| 34 | .63 | A | 35,920 | 34 | 71 |
| 35 | .19 | A | 22,080 | 10 | 21 |
| 36 | .43 | A | 29,630 | 23 | 48 |
| 37 | .31 | A | 25,850 | 17 | 35 |
| 38 | .46 | A | 30,570 | 25 | 52 |
| 39 | .38 | A | 28,060 | 20 | 43 |
| 40 | .65 | A | 36,550 | 35 | 73 |
| 41 | .56 | A | 33,720 | 30 | 63 |
| 42 | .20 | A | 22,390 | 11 | 22 |
| 43 | .63 | A | 35,920 | 34 | 71 |
| 44 | .27 | A | 24,600 | 14 | 30 |
| 45 | .34 | A | 26,800 | 18 | 38 |
| 46 | .66 | A | 36,860 | 35 | 74 |
| 47 | .53 | A | 32,770 | 28 | 59 |
| 48 | .21 | A | 22,710 | 11 | 24 |
| 49 | .57 | A | 34,030 | 30 | 64 |
| 50 | .49 | A | 31,520 | 26 | 55 |
| 52 | .45 | A | 30,260 | 24 | 50 |
| 53 | .33 | A | 26,480 | 18 | 37 |
| 54 | .60 | A | 34,980 | 32 | 67 |
| 56 | .26 | A | 24,280 | 14 | 29 |

APPLICATION NO. 200302190 1 OF 4
 BY HORSESHOE CREEK WJD #110
 FOR FILL (EARTHEN DAMS)
 TRIBUTARIES OF HORSESHOE CREEK
 WASHINGTON & MARSHALL CO., KS
 JANUARY 27, 2004

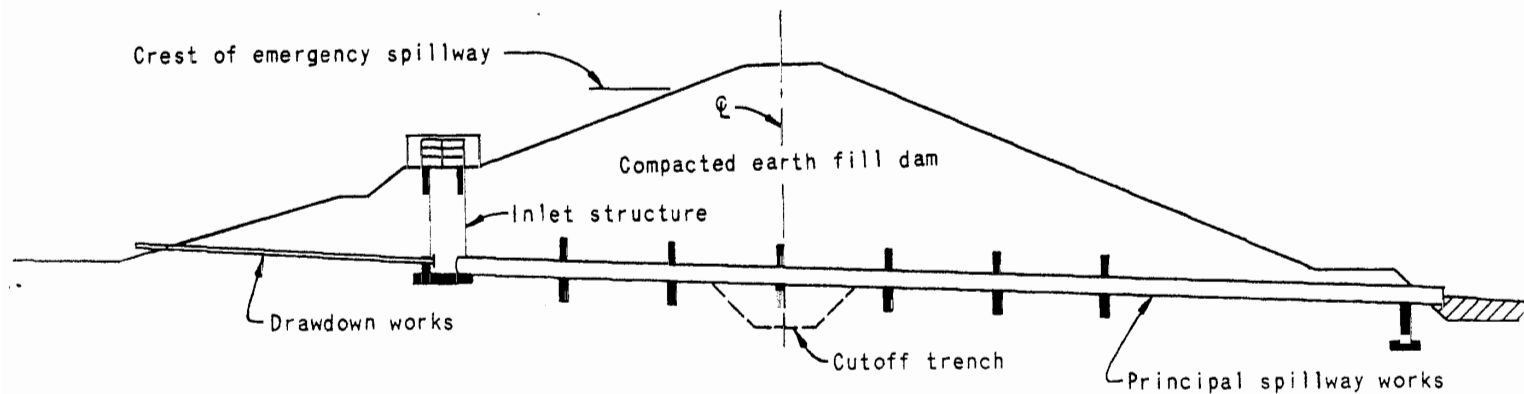
**HORSESHOE CREEK WATERSHED
JOINT DISTRICT NO. 110
SUPPLEMENTAL STRUCTURE DATA
FOR KANSAS DAMS INCLUDED
IN GENERAL PLAN DATED JUNE 2003**

Jan. 2004

| DAM NO. | SURFACE AREA - Acres (Sediment Pool) | SURFACE AREA - Acres (Detention Pool) | DAM HEIGHT Feet |
|---------|---|--|--------------------|
| 3 | 2.4 | 6.2 | 15.5 |
| 4 | 8.4 | 15.9 | 29.0 |
| 5 | 3.8 | 9.8 | 18.3 |
| 6 | 2.8 | 7.6 | 16.3 |
| 7 | 5.5 | 12.8 | 22.0 |
| 8 | 3.0 | 7.8 | 16.7 |
| 9 | 2.8 | 7.4 | 16.3 |
| 10 | 5.2 | 12.5 | 21.3 |
| 11 | 2.6 | 6.8 | 15.9 |
| 12 | 5.5 | 12.8 | 21.9 |
| 13 | 2.9 | 7.6 | 16.5 |
| 14 | 5.6 | 13.0 | 22.1 |
| 15 | 3.6 | 9.3 | 17.8 |
| 16 | 6.2 | 13.8 | 23.5 |
| 17 | 7.5 | 15.2 | 26.6 |
| 18 | 5.0 | 12.0 | 20.8 |
| 19 | 3.1 | 8.1 | 16.9 |
| 20 | 4.7 | 11.5 | 20.2 |
| 21 | 2.4 | 7.9 | 16.7 |
| 22 | 6.8 | 14.5 | 24.8 |
| 23 | 4.4 | 11.0 | 19.6 |
| 25 | 4.5 | 11.2 | 19.8 |
| 26 | 4.4 | 11.1 | 19.5 |
| 27 | 3.0 | 7.8 | 16.7 |
| 28 | 6.4 | 14.0 | 24.0 |
| 30 | 5.6 | 13.0 | 22.2 |
| 32 | 4.6 | 13.0 | 21.4 |
| 33 | 6.3 | 13.9 | 23.7 |
| 34 | 6.3 | 13.9 | 23.7 |
| 35 | 2.2 | 5.6 | 15.0 |
| 36 | 4.5 | 11.2 | 19.7 |
| 37 | 3.4 | 8.8 | 17.5 |
| 38 | 4.8 | 11.7 | 20.3 |
| 39 | 4.0 | 10.3 | 19.0 |
| 40 | 6.4 | 14.1 | 24.0 |
| 41 | 5.6 | 13.1 | 22.3 |
| 42 | 2.3 | 6.0 | 15.3 |
| 43 | 6.3 | 13.9 | 23.7 |
| 44 | 3.0 | 7.8 | 16.8 |
| 45 | 3.6 | 9.5 | 18.0 |
| 46 | 6.5 | 14.2 | 24.2 |
| 47 | 5.4 | 12.7 | 21.8 |
| 48 | 2.4 | 6.2 | 15.6 |
| 49 | 5.5 | 13.2 | 22.5 |
| 50 | 5.0 | 12.1 | 21.0 |
| 52 | 4.7 | 11.6 | 20.2 |
| 53 | 3.6 | 9.3 | 17.8 |
| 54 | 6.0 | 13.5 | 23.0 |
| 56 | 2.9 | 7.6 | 16.5 |
| Totals | 223.4 | 533.8 | |

APPLICATION NO. 200302190 2 OF 4
BY HORSESHOE CREEK WJD #110
FOR FILL (EARTHEN DAMS)
TRIBUTARIES OF HORSESHOE CREEK
WASHINGTON & MARSHALL CO., KS
JANUARY 27, 2004

TYPICAL EARTH DAM WITH PIPE DROP INLET



CROSS SECTION OF DAM ON CENTERLINE OF PRINCIPAL SPILLWAY

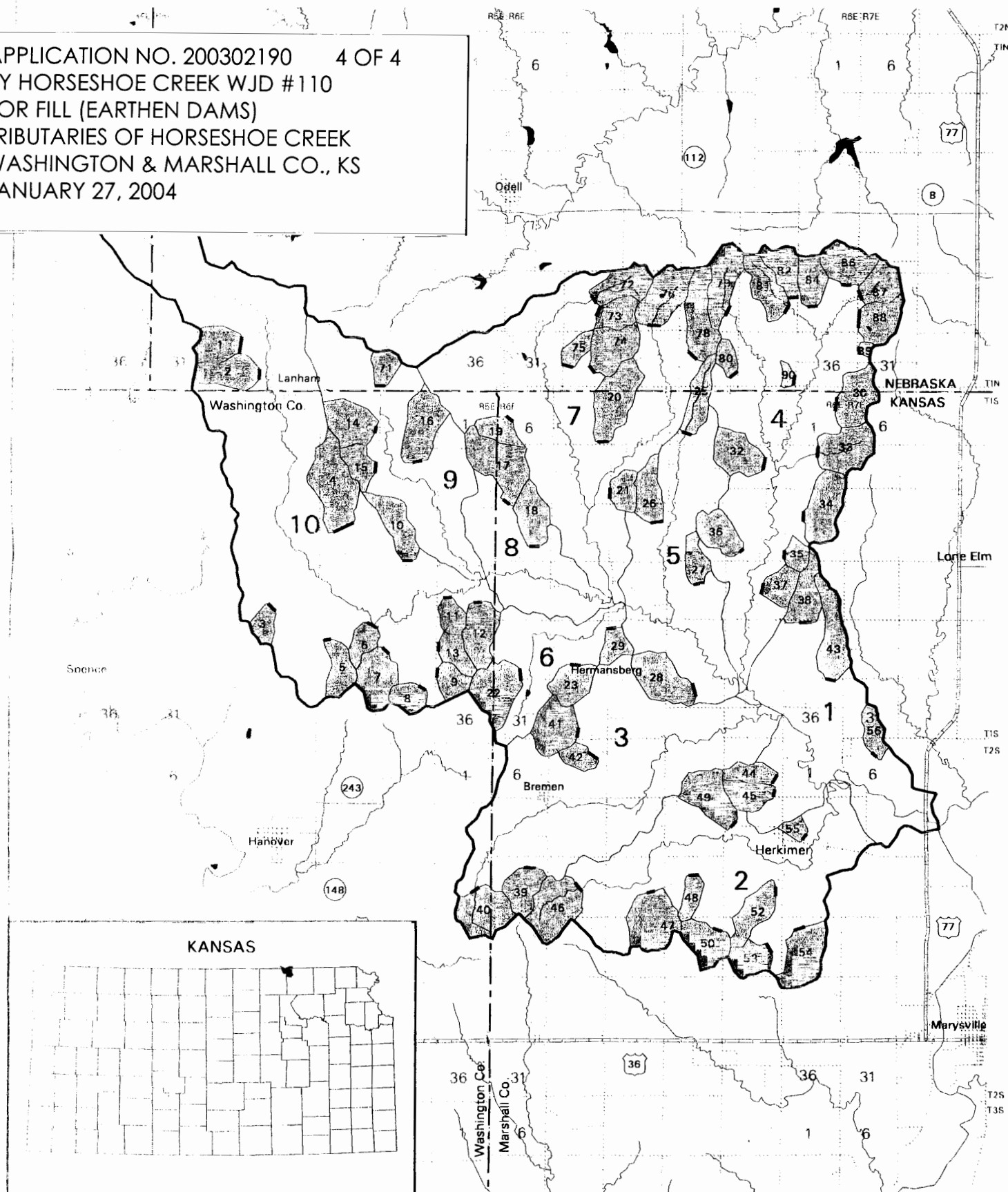
APPLICATION NO. 200302190 3 OF 4
BY HORSESHOE CREEK WJD #110
FOR FILL (EARTHEN DAMS)
TRIBUTARIES OF HORSESHOE CREEK
WASHINGTON & MARSHALL CO., KS
JANUARY 27, 2004

HORSESHOE CREEK WATERSHED

WASHINGTON & MARSHALL COUNTIES, KANSAS

GAGE & JEFFERSON COUNTIES, NEBRASKA

APPLICATION NO. 200302190 4 OF 4
 BY HORSESHOE CREEK WJD #110
 FOR FILL (EARTHEN DAMS)
 TRIBUTARIES OF HORSESHOE CREEK
 WASHINGTON & MARSHALL CO., KS
 JANUARY 27, 2004



Scale 1:110,000

Roads and Rivers: Census 1995 TIGER Line

14 Digit HUC Boundaries: USDA-NRCS and USGS



AREA BENEFITED

DRAINAGE AREA CONTROLLED BY
SMALL DETENTION DAMS

January 10, 2003